

**AMENDMENTS TO THE SPECIFICATION**

On page 6, please replace the paragraphs on lines 11-18 with the following amended paragraphs:

Fig. 5 shows a top view of an intermediate member 34 ~~shown in Figures 3 and 4.~~

Fig. 6 shows a front view of an assembled cartridge ~~having the components shown in Figures 3 and 4.~~

Fig. 7 shows a top view of an assembled cartridge ~~having the components shown in Figures 3 and 4~~ Figure 6.

Fig. 8 shows a side view of an assembled cartridge ~~having the components shown in Figures 3 and 4~~ Figure 6.

On page 11, please replace the paragraphs on lines 20-25 with the following amended paragraphs:

Basis plate 32 of the housing of cartridge 12 has an opening or a zone 36 which has the function of a thermal interface and provides thermal access to an outer surface 37 of flow-cell 31 so that this surface can be heated or cooled by putting it in contact with an outer surface of a heat transfer element 38 like the one shown by Fig. ~~[[1]]~~2.

When the parts of cartridge 12 shown by Figures 3-5 are assembled, cartridge 12 has the appearance shown by the views ~~thereof~~ depicted by Figures 6-8, representing one embodiment of an assembled cartridge.

On page 14, please replace the paragraph beginning at line 15 with the following amended paragraph:

[[A]] As shown in Figure 11, a preferred embodiment of a system according to the invention comprises a plurality of cartridges 12 having the above-described features, a cartridge holder 56 for holding a plurality of cartridges 12, and a waste container 57 for receiving excess liquid flowing out from any and all of the outlet ports 22 of a plurality of cartridges 12.